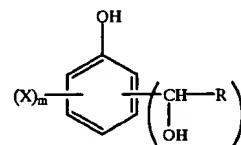
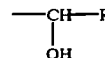




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(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2001/0016664 A1****Wilhelm et al.**(43) **Pub. Date: Aug. 23, 2001**(54) **NEW PHENOLIC COMPOUNDS DERIVED FROM DIALKOXYETHANALS, THEIR PREPARATION PROCESS AND THEIR APPLICATION**(57) **ABSTRACT**
New phenolic compounds of formula (I)(75) **Inventors: Didier Wilhelm, Issy Les Moulineaux (FR); Florence Esmard, Compiègne (FR)**Correspondence Address:
CLARIANT CORPORATION
Industrial Property Department
4331 Chesapeake Drive
Charlotte, NC 28216 (US)R=C₃-C₁₇ dialkoxymethyl group, 1,3-dioxolan-2-yl group optionally substituted on peaks 4 and/or 5 by one or more C₁-C₈ alkyls or 1,3-dioxan-2-yl group optionally substituted on peaks 4 and/or 5 and/or 6 by one or more C₁-C₈ alkyls. n=1, 2 or 3, the group or groups(73) **Assignee: Clariant (France) S.A.**(21) **Appl. No.: 09/778,353**(22) **Filed: Feb. 7, 2001**(30) **Foreign Application Priority Data**

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Publication Classification(51) **Int. Cl.⁷ C07C 327/20; C07C 39/02**(52) **U.S. Cl. 558/230; 568/716; 562/478; 564/167; 568/337**are in o and/or p position of the OH of the cycle m=from 0 to 4-n, X= functional group such as OH or Hal or C₁-C₈ alkyl or alkoxy group or C₅-C₁₂ aryl group and optionally 1 or 2 heteroatoms such as N or O, or carboxy or —CO—Y group where Y=C₁-C₈ alkyl or alkoxy or amido or amino or thiol group, on condition that at least one of the ortho or para positions of the phenolic cycle is substituted by a hydrogen, and their salts with the alkali metals, alkaline-earth metals and amines.